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DERWENT-WEEK: 200129

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TITLE: Portable stand for an indoor garden  
comprises a height adjustable wheeled frame supporting a  
deep sided tray with a number of drainage holes to  
hold a growing medium and a lower drip tray

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PATENT-ASSIGNEE: LARNER C A[LARNI] , LARNER R A[LARNI]

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PATENT-FAMILY:

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APPLICATION-DATA:

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INT-CL (IPC): A01G009/02, A47G007/02

ABSTRACTED-PUB-NO: AU 9944829A

BASIC-ABSTRACT:

NOVELTY - A portable garden comprises a tubular metal wheeled frame supporting a plastic open topped box to hold a growing medium and whose base is provided with a number of drainage holes and a plastic drip tray

DETAILED DESCRIPTION - Preferred features;The two part stand comprises a top portion holding the box and drip tray and telescopically receives U shaped wheeled frame which are height adjustable by bolts positioned in one of a series of through holes in the upper frame

USE - To provided the elderly handicapped housebound and people who find bending over or kneeling down difficult with the enjoyment of gardening

DESCRIPTION OF DRAWING(S) - The drawing shows a perspective view of the portable garden box

CHOSEN-DRAWING: Dwg.1/6

TITLE-TERMS: PORTABLE STAND INDOOR GARDEN COMPRISE HEIGHT  
ADJUST WHEEL FRAME

SUPPORT DEEP SIDE TRAY NUMBER DRAIN HOLE HOLD  
GROW MEDIUM LOWER  
DRIP TRAY

DERWENT-CLASS: P13 P27

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2001-195690

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AUSTRALIA  
*Patents Act 1990*

**COMPLETE SPECIFICATION  
STANDARD PATENT**

**TRAVELLING GARDEN BOX**

**The following statement is a full description of this  
invention, including its practical application.**

## TRAVELLING GARDEN BOX

For many elderly, the handicapped and people with back problems, bending over or kneeling down can be impossible or at least difficult or painful. Gardening can have therapeutic as well as aesthetic and practical value. This garden box, see Fig. 1, can overcome some of these difficulties by making it easier to bring the garden to the person, adjusting the height to suit sitting or standing. Because of the therapeutic nature of gardening, I envisage every nursing home, hospice, hospital, rehabilitation centre, special school and general children's school to have at least one travelling garden box.

A particular advantage of the design is the drainage system, see Fig. 5. The garden box has 91, 10mm drainage holes spread evenly over the whole bottom surface, Fig. 5.1, which open into a tray which covers the whole of this surface, see Fig. 6, concentrating the drainage waste water into a central pipe, Fig. 6.2, under which a bucket can be placed to catch the excess runoff. This aspect is particularly useful when the garden is indoors.

This travelling garden would be particularly useful for holding potted indoor or outdoor plants, starting vegetable seedlings and for demonstration purposes.

The frame of the travelling garden box, Fig. 3.1, is constructed from lightweight metal tubing, square in cross section, with rounded corners, coated in a decorative/protective coating for indoor/outdoor use.

The frame is in three sections. The top part, Fig. 3.1, which holds the box, Fig. 5.1, and drip tray, Fig. 6; the leg extensions with wheels, Figs. 4.1, 4.2, which slide into the top frame and can be adjusted for height, Fig. 4.3. The legs are then fixed in position with a bolt at the desired height, Fig. 2.2. To adjust the height the box is lifted out and the frame inverted, the bolts removed, the legs repositioned and the bolts replaced. The wheels, Fig. 2.3, are the only part of the garden box (other than bolts and screws) that are not manufactured for the travelling garden and will be swivelling castors with or without brakes.

The plastic garden box, Fig. 5.1, will fit inside the frame and rest on its rim. The base will be rigid due to its drainage system and stiffening sections underneath, fig. 5.2. Under the box sits the drip tray, Fig. 6, on tubular bars which are a part of the frame, Fig. 3.2. It is separate from the box and will slope to a central outlet, Fig. 6.2. It will be made of plastic material. Panels will fit between the frame legs to cover the box and drip tray, Fig. 1. These panels are optional as their function is decorative.

**APPLICANT:**

**26 AUGUST 1999**

**ROBERT A. LARNER**

**CAROLINE A. LARNER**

## ABSTRACT

A travelling garden is disclosed.	Fig. 1
The device is a metal frame	Fig. 3
with a plastic box which fits inside,	Fig. 5
with even drainage holes throughout	Fig. 5.2
and a drip tray underneath which concentrates	
waste water centrally for collection.	Fig. 6
When bolts are removed, the height	
is adjustable to suit the individual user.	Fig. 4
Swivelling castor-wheels allow manoeuvrability.	Fig. 2.3
This device can be used as a garden or to contain	
potted plants for indoor/outdoor use by anyone.	Fig. 1

The Claims defining the invention are as follows:

1. A travelling garden box comprising a tubular metal frame with wheels, holding a plastic box and plastic drip tray.
2. The travelling garden box of Claim 1., wherein each end of the frame comprising the wheels and legs is adjustable as to height by the removal of the bolts which hold the inner/lower leg section, fig.4, to the upper/outer leg section, fig. 2.2.
3. The travelling garden box of Claim 1., wherein sits a moulded plastic box with drainage holes spread evenly over the entire bottom surface, fig.5, with the bottom of the box sloping down to each and every drainage hole.
4. The travelling garden box of Claim 1., wherein under the box of Claim 3., fig. 5.1, sits a moulded plastic drip tray, fig. 6, covering the whole surface containing the drainage holes described in Claim 3., which concentrates the waste water into one centrally located drain hole under which a suitable receptacle can be placed when the device is indoors.
5. The travelling garden box of Claim 1., wherein has panels made of sheet metal or aluminium, suitably coated for indoor/outdoor use which fit between the legs on all four sides which cover the base of the box and the top of the drip tray, fig.1.
6. The travelling garden box of Claims 1.-5., wherein the tubular metal frame is made from aluminium.
7. The travelling garden box of Claims 1.-6., wherein the box and drip tray are made from plastic material.

ROBERT A. LARNER

*Robert A. Lerner*

9 SEPTEMBER 1999

# EXPLANATORY NOTE

The frame of the travelling garden box (Figure 2) is constructed from lightweight metal tubing, square in cross-section, with rounded corners and coated with decorative/protective coating.

The frame is in sections: a top part which holds the box; the box (Figure 5); the drip tray (Figure 6); leg extensions with wheels (Figure 2) which slide in the top part for adjusting the height.

The box (Figure 5) fits inside the top part of the frame, resting on its rim. Under the box (Figure 5) sits the drip tray (Figure 6) which is separate from the box. The drip tray slopes to a central outlet.



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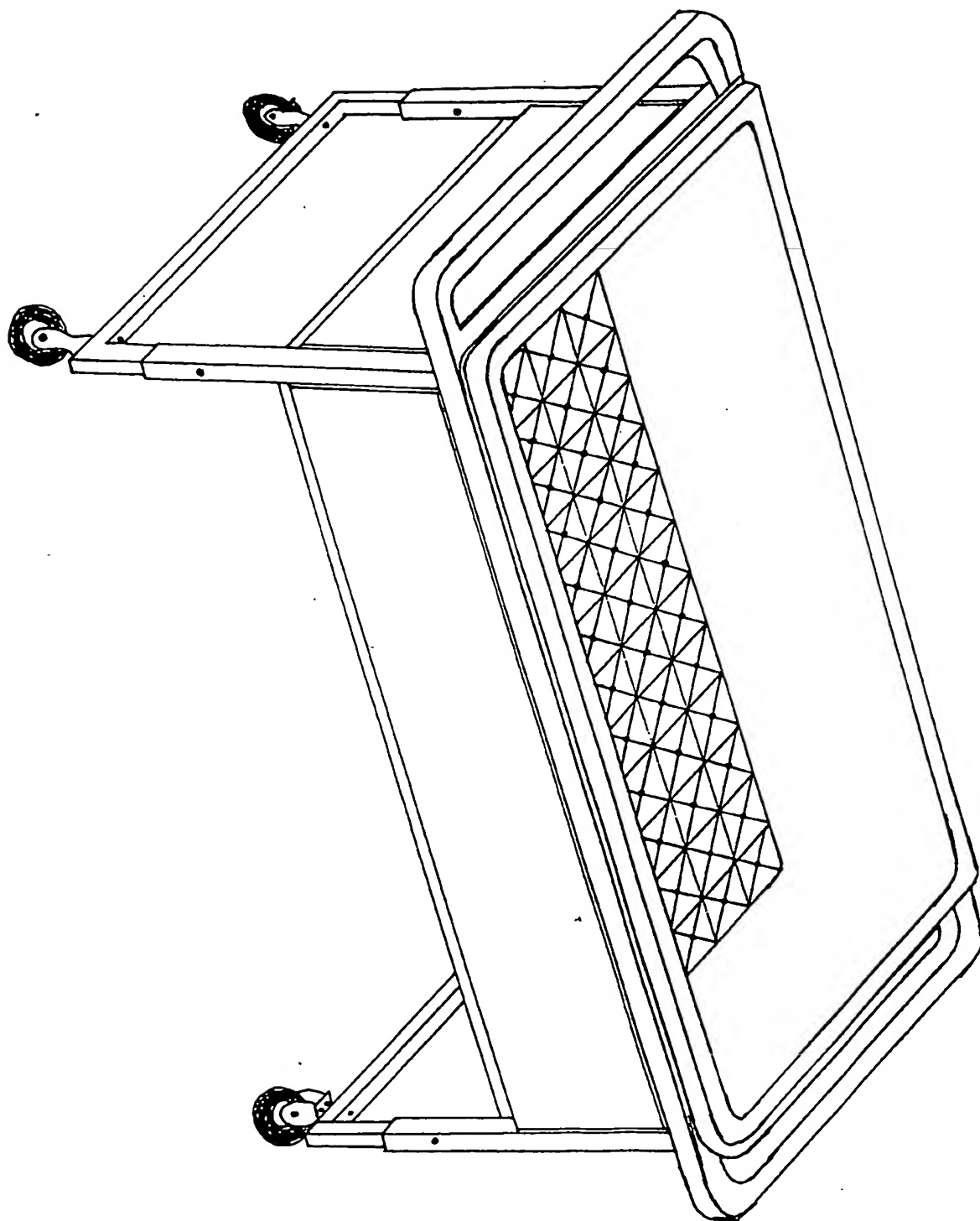


Figure 1.

# "AUTO GARDEN"

A moveable garden box to hold potted plants or directly in an artificial soil medium for indoor/outdoor use by elderly, disabled, schools, chefs and home gardeners.

Figure .2.

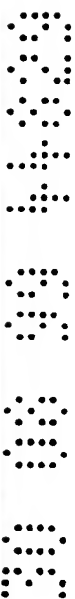
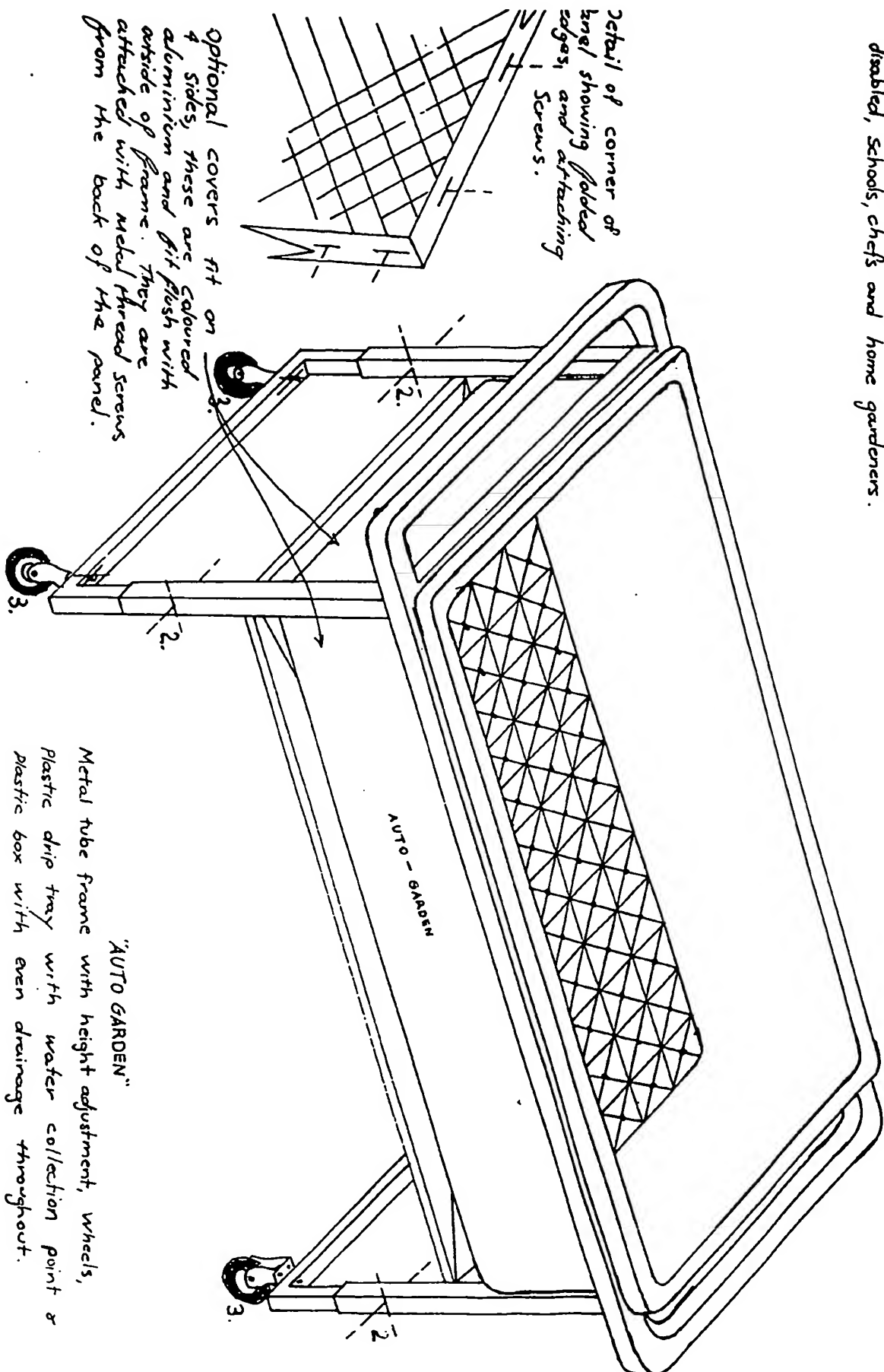
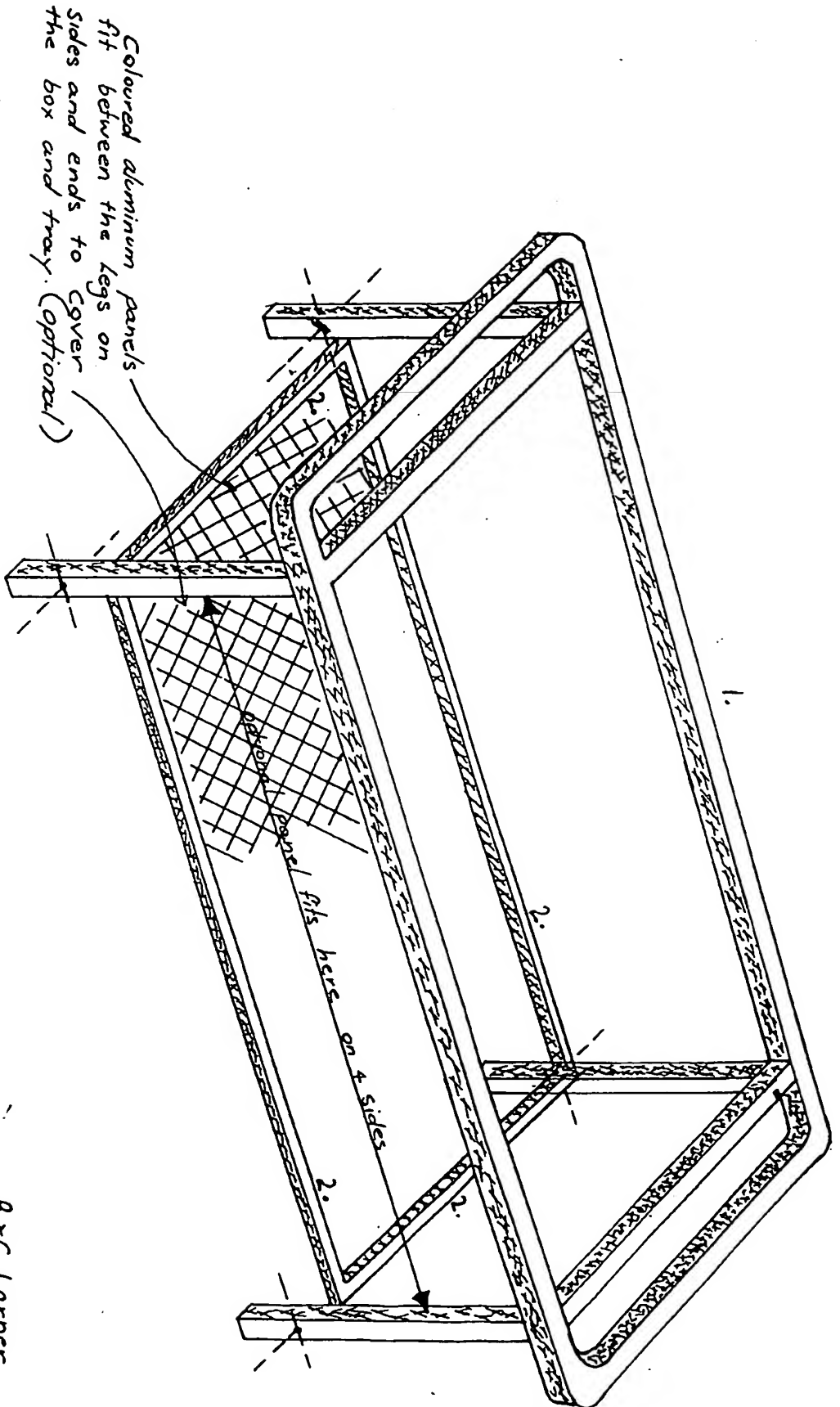


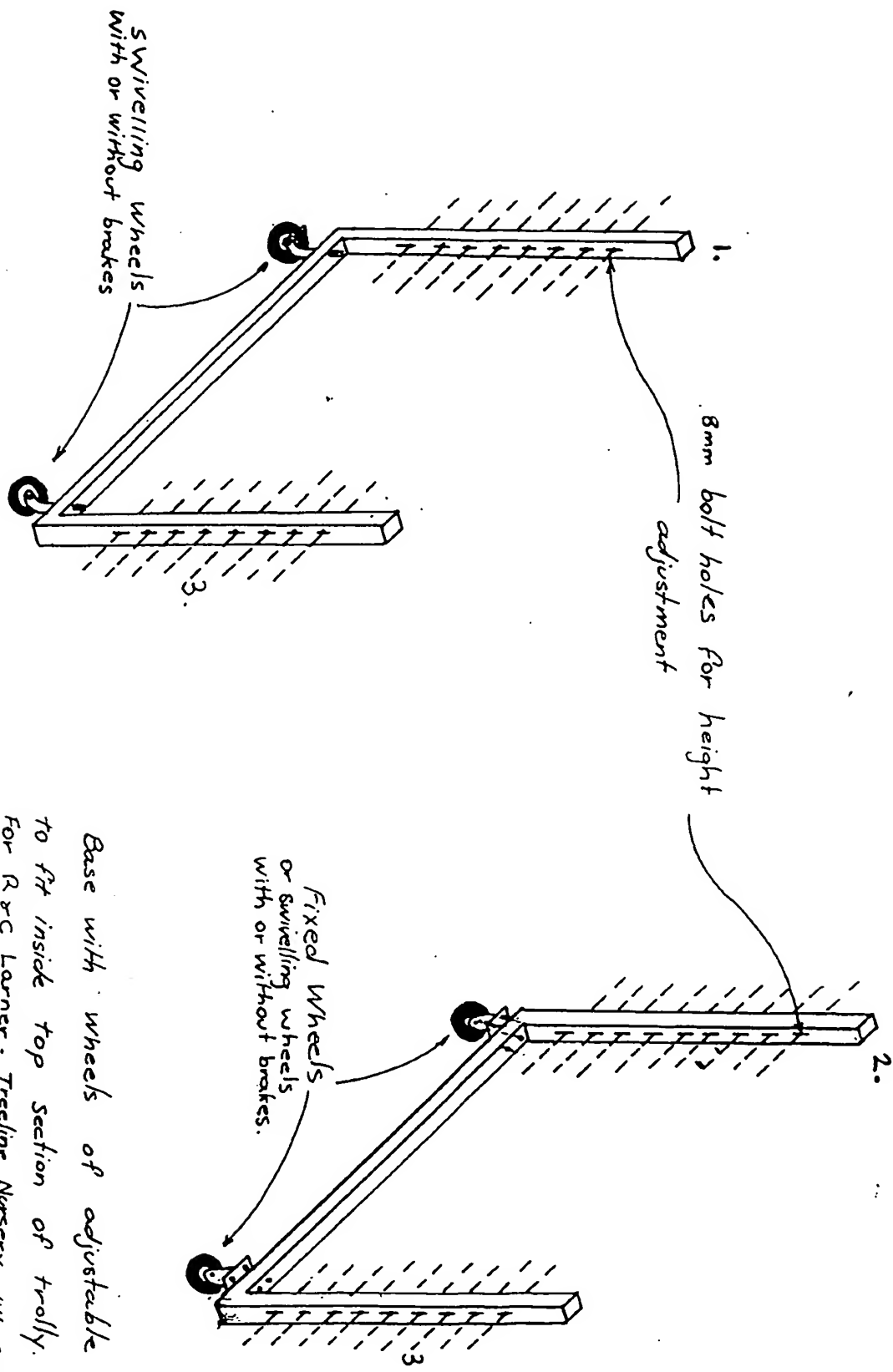
Figure.3.



Top of adjustable trolley : For: Treeline Nursery  
 R & C Lerner  
 411 Gravelly Beach Rd 7276 Phone 63943163 Scale 1:100



Figure 4.

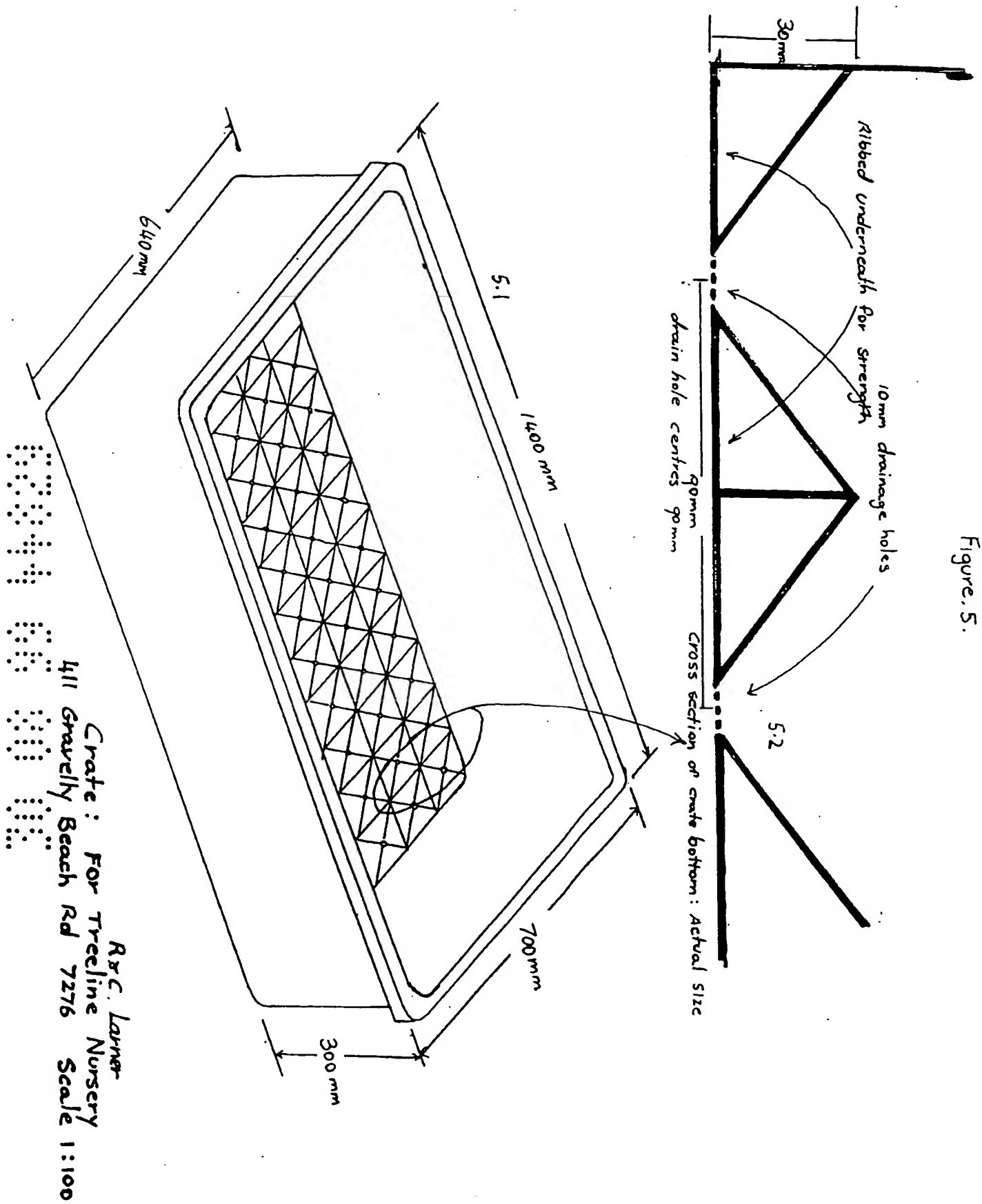


Base with wheels of adjustable trolley.  
to fit inside top section of trolley.

Scale 1:100

For R & C Lerner. Treeline Nursery 411 Gravelly Beach Rd.  
Phone 63943163  
Fax 63943220 (03)

Figure. 5.



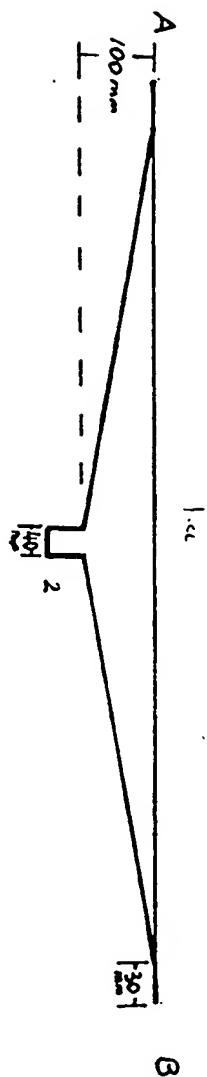
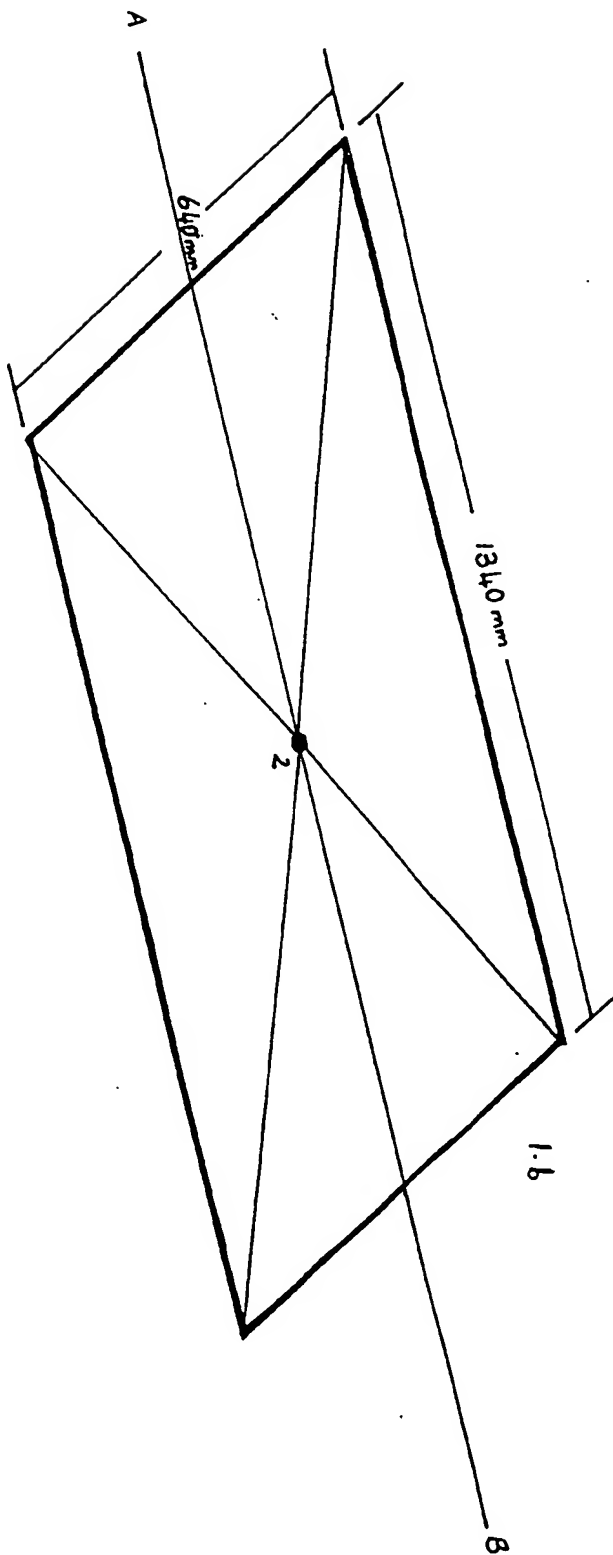


Figure.6.



ARC Larner  
Drip Tray: Treeline Nursery  
411 Gravelly Beach Rd 7276 Scale 1:100

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